

20010728.ba v03_n197.bam.20010728

>From ???@??? Sat Jul 28 15:05:56 2001 -0500
Message-Id: <200107282005.f6SK51PT013787@sco.theporch.com>
Date: Sat, 28 Jul 2001 15:05:10 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3197

BOATANCHORS Digest 3197

Topics covered in this issue include:

- 1) Info needed on antenna tuner
by JONWEINER@aol.com
- 2) Viking I-vs-II & TVI - the sequel
by "Marty's Refl. Drop" <polepeeg@aaa4rm.ba-watch.org>
- 3) Re: R100....
by "Nick England" <nick@3rdTech.com>
- 4) Re: R100....
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 5) Re: R100....
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 6) Re: R100....
by jim lockwood <jmlckwd@mindspring.com>
- 7) Re: R100....
by "Nick England" <nick@3rdTech.com>
- 8) RE: Knight Receivers
by n6nae@ix.netcom.com
- 9) Hammarlund Meter (basket case) freebie...
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 10) Re: Hammarlund Meter (basket case) freebie...
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 11) Re: Tube puller
by jackiv@juno.com
- 12)
by Dave Wood <w4ej@coastalnet.com>
- 13) Re: Knight Kit Star Roamer Rx
by chuck grandgent <chuck@k1om.com>
- 14) Re: Viking I-vs-II & TVI - the sequel
by Arden Allen <gumbear@pacbell.net>
- 15) Capacitor info
by "Bob Nickels" <ranickel@mwci.net>
- 16) Re: Viking I-vs-II & TVI - the sequel
by "russ dworakowski" <wb3fau@hotmail.com>
- 17) Re: R100....
by jim lockwood <jmlckwd@mindspring.com>
- 18) Re: Capacitor info

by Arden Allen <gumbear@pacbell.net>
19) RE: Tube puller
by "Ed Tanton N4XY" <n4xy@att.net>
20) BNC deal
by "Ed Tanton N4XY" <n4xy@att.net>
21) Wanted: DC-DC converter
by "Herbert M. Rosenthal" <herbrose@lobo.net>

From: JONWEINER@aol.com
Message-ID: <17.19156c67.2892bb0e@aol.com>
Date: Fri, 27 Jul 2001 08:39:42 EDT
Subject: Info needed on antenna tuner
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_17.19156c67.2892bb0e_boundary"

--part1_17.19156c67.2892bb0e_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looking for some info or copy of instructions for a Motorola T-1961A antenna tuner. Automatic tuner looks very similar to the SGC-230 automatic tuner.
Thanks.

Jon, K1VVC

--part1_17.19156c67.2892bb0e_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_17.19156c67.2892bb0e_boundary--

Date: Fri, 27 Jul 2001 09:12:16 -0400 (EDT)

From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200107271312.JAA01367@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Viking I-vs-II & TVI - the sequel

Jim I was about to say "I don't think we have TVI anymore"

But I'll start slower. How to say this.

When the V-1 was made most TV RXs had 21mc IFs. No amount of shielding wud keep ham stuff outa these

All ham gear then used class C multipliers to richen the harmonic output content. This begs question why dint ARRL ever talk re class-C squarish-wave output & Fourier series explaining why multipliers worked?

So there were those by-design inescapable, but attenuated VHF-making thingies in every handbook TX project. Thingies not eliminated 'til SSB demanded up-mixing rather than multiplying. ARRL never told us that either - just SSB reduces TVI.

And there were the odd parasitics in ham gear, like your 60mc V1 legend.

So what did all the shielding & good practice do? Contained VHF multiplier "designed-in inescapables" & parasitics. And these VHF things I think were largely residence nuisances & never went to the HF antenna.

Now along about '51 came the move to 43mc TV IFs & only police FM got in there. What was left? Channel 2 overload fm 10 meter 2nd harmonics mostly. & no amount of shielding good practice would address that. But a LP filter would.

So here's my 'final answer.' I don't think we've had many TVI problems 200' away from the QTH since ~1952

In closing I note maybe there's a tiny market for a satellite/cable TVI channel with Sid Ceaser's Show of Shows negative-imaged, huge herring-boned frames of Broderick Crawford's Highway Patrol. They say the satellite/cable providers are desperate for content.

Perhaps 5 min. per month on the History Channel'd be OK.

Marty

...then does anyone remember early color TVs "going red?" IE 75M AM murdering the 3.58mc color keyer ('burst') / QAM (yes) decoder?

why red? the QAM gives G+B & G-B to combine with R+G+B main video.

Looks G & B gun-drive ckt.s shut down but combining went OK leaving R.

Message-ID: <033d01c116a0\$7f3d0b50\$fd0212ac@3rdTech.com>
From: "Nick England" <nick@3rdTech.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: R100....
Date: Fri, 27 Jul 2001 09:31:52 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Back in those days, I was one step down from John on the food chain - I started with a Knight Span-Master and then was in heaven when I moved up to the R-100's little brother, the R-55.
A Matter of Perspective, indeed

Nick England
3rdTech Inc. www.3rdtech.com
ph 919-929-1903 fax 919-929-2098

----- Original Message -----

From: <johnmb@mindspring.com>
(snip)
> To me, the R100 was manna from heaven!!
>
> Perspective is everything!
>:-)
> 73
> John wb5oau/4

Message-Id: <5.1.0.14.0.20010727093855.00a67b00@vuse.vanderbilt.edu>
Date: Fri, 27 Jul 2001 09:40:58 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: R100....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:07 PM 7/26/2001 -0500, you wrote:

>Wondered why the earlier comment on the R100- I have one of the earlier
>versions Yxxxx or something. I've had two or three and all worked fine.
>The R100
>is sitting in my "to do" cabinet.
I had an R100a in reasonable shape, replaced all out of spec components and realigned. When I put in new IF tubes (of the correct type) it oscillated

like crazy. The old weak tubes worked OK, but signal was lousy. Worked on it (squeal stoppers etc) for hours, but never got it right.

A. B. Bonds

Message-Id: <5.1.0.14.0.20010727095146.00a67b00@vuse.vanderbilt.edu>
Date: Fri, 27 Jul 2001 09:54:49 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: R100....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:31 AM 7/27/2001 -0400, you wrote:

>Back in those days, I was one step down from John on the food chain - I
>started with a Knight Span-Master and then was in heaven when I moved up to
>the R-100's little brother, the R-55.
>A Matter of Perspective, indeed

What a pity. But then I started with an Ocean Hopper. This gem has the advantage of letting you listen to many stations at the same time, thereby saving time. I fixed up an R-55 a couple of years ago and was thoroughly underwhelmed. The 1.6 or so MHz IF frequency gives it a bandwidth little better than the Hopper, and the upper band is useless because it is so loaded with images from local FM stations.

73

A. B. Bonds

Message-Id: <3.0.32.20010727090159.006f7124@pop.mindspring.com>
Date: Fri, 27 Jul 2001 09:33:23 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: jim lockwood <jmlckwd@mindspring.com>
Subject: Re: R100....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, Nick, if you were below John on the food chain, I was looking up at both of you.

My first receiver (a charitable description) was a Heath GR-91. It's the only souvenir from my early amateur radio days that I have *delibertely* walked away from at recent hamfests.

73,

Jim - k4ccf

At 09:31 AM 07/27/2001 -0400, you wrote:

>Back in those days, I was one step down from John on the food chain - I
>started with a Knight Span-Master and then was in heaven when I moved up to
>the R-100's little brother, the R-55.

>A Matter of Perspective, indeed

>-----

>Nick England

>3rdTech Inc. www.3rdtech.com

>ph 919-929-1903 fax 919-929-2098

>----- Original Message -----

>From: <johnmb@mindspring.com>

>(snip)

>> To me, the R100 was manna from heaven!!

>>

>> Perspective is everything!

>>:-)

>> 73

>> John wb5oau/4

>

>

Message-ID: <008f01c116c1\$a33a9830\$fd0212ac@3rdTech.com>

From: "Nick England" <nick@3rdTech.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Subject: Re: R100....

Date: Fri, 27 Jul 2001 13:28:54 -0400

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

HA! - I am talking about the amazing 2-tube regen \$19.95 Knight Span Master
(one step down from an Ocean Hopper)

<http://members.aol.com/tcsopr/spanmstr.htm>

Trust me - I would have been much happier with a modern 4-tube superhet
slide-rule dial GR-91

<http://www.heathkit-museum.com/ham/gr-91.html>

Jim, You don't know how good you had it!

Nick England

3rdTech Inc. www.3rdtech.com

ph 919-929-1903 fax 919-929-2098

From: n6nae@ix.netcom.com
Date: Fri, 27 Jul 2001 13:52:38 -0400
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Knight Receivers
Message-ID: <Springmail.105.996256358.0.55858600@www.springmail.com>

I admit to owning a Star Roamer, the one my dad and I built back when I was a grade schooler. It was a birthday present when my dad figured out that I wasn't going to give up on the electronics stuff. He figured that out when I kept reading the Allied catalog. My criteria at the time was tube count. 18 tubes, must be able to hear everything! He looked at the prices and suggested the Space Spanner or some such. I was horrified, it didn't even have a real dial, so we compromised on the Star Roamer.

It still works, sorta. Original tubes. Probably could use an alignment, since the kit came with 'prealigned' coils and nobody has ever touched them since.

I impressed dad a lot when I found the SAC broadcasts and the HF control tower frequencies at the AF base where he worked. It is, however, not that much of a radio. If you can see 'em, you can hear 'em. Needs new knobs. The old cheap Knight knobs didn't have a metal insert so the set screw worked directly against the plastic. Tighten it enough to turn the bandswitch and eventually the plastic would split in two. Ah, the good old days.
Richard

Message-ID: <3B61DDFC.C9EDB2C1@lobo.net>
Date: Fri, 27 Jul 2001 15:32:50 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hammarlund Meter (basket case) freebie...
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Once in a while when I'm rooting through the 'pile', I find something I have never seen before, and have absolutely no idea how it got there.

This is my dilemma with a basket case Hammarlund meter: crescent shaped glass opening in front face, calibrated 0-9, Hammarlund logo below numbers, hole in back for panel lamp, meter flange about 2 1/4" diameter. Mounts with a circular clamp from behind.

Now when I say basket case, I really mean it: the meter face is brown as the crust on bread (was probably once yellow), the plastic case behind the face is split in a dozen places. BUT THE METER MOVEMENT MUST BE GOOD, as I get deflection without sticking when I check for continuity with an ohmmeter; the front flange is in good shape.

If there is someone out there in BA who can use this in a current restoration, it's yours for postage. Please reply directly to me only if you have need of this oldie... not just to add it to your heap.

Can anyone ID the equipment this is from-and its age?

Thanks,

Herb Rosenthal W5AN
herbrose@lobo.net

Message-Id: <5.1.0.14.0.20010727164322.02795878@vuse.vanderbilt.edu>
Date: Fri, 27 Jul 2001 16:44:45 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Hammarlund Meter (basket case) freebie...
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:32 PM 7/27/2001 -0600, you wrote:

>Can anyone ID the equipment this is from-and its age?
Probably the S-meter from the SP-100-200-400 line. The cases (brass, ecktuually) are almost always split and the faces are darkish brown.

A. B. Bonds

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 27 Jul 2001 20:11:15 -0500
Subject: Re: Tube puller
Message-ID: <20010727.201914.-527625.5.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

Tube pullers again-- The best that I have found are the military ones made of the woven gripper things. The old chinese finger toys. They are

stainless steel and come in 2 sizes, one for 7 pin and one for 9 pin.
Don't remember where they came from, just showed up in a bunch of parts
from the local military surplus store we used to have at Great Lakes.
Part number or supplier??????
jack.....):>) KOEWU

On Wed, 25 Jul 2001 18:12:37 -0700 Arden Allen <gumbear@pacbell.net>
writes:

> Hi John;
>
> > I need a tube puller, one of the pliers type with a padded
> half
> cylinder
> > on each jaw, to remove minature 7 and 9 pin tubes (RA17 owners
> will know
> > why!).
>
> For what it's worth, I don't care for those scissors action tube
> pullers.
> If, while pulling the tube, the jaws slip off, the tube's sealing
> nipple
> gets knocked off and then its state is not hollow anymore. I like
> the
> pullers that are fashioned from a metal tube with slots cut up the
> sides.
> Lined with sandpaper (yeah, I know,"yikes!") and the ability to
> grip
> just above the tube envelope is a sure-fire way to get the tube out
> safely.
> Just watch the sandpaper grit doesn't get into something
> sensitive.
>
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net
>
>

Date: Fri, 27 Jul 2001 21:26:47 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Dave Wood <w4ej@coastalnet.com>
Subject:
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <20010728012238.IWTF28292.fl-mta01@workstation>

I still have and use my Star Roamer every night to listen to the BBC on
5975. The one I have hears below 1 uv. for 10db sinad! And yes! I made a
cw contact with mine on 80 meters in 1968!!! It could be done. Like Nick,

I have the R-100A and R-55A, both work just fine, after I fixed all the ground loops caused by the sorry tube socket ground connections. One of my favorite Knightkits is the hot TR-106! 73's Dave

>I admit to owning a Star Roamer, the one my dad and I built back
>when I was a grade schooler. It was a birthday present when my
>dad figured out that I wasn't going to give up on the electronics
>stuff. He figured that out when I kept reading the Allied catalog.
>My criteria at the time was tube count. 18 tubes, must be able to
>hear everything! He looked at the prices and suggested the Space
>Spanner or some such. I was horrified, it didn't even have a real dial,
so we compromised on the Star Roamer.
>

Dave Wood
1202 Essex Circle
Wilson, NC 27896

Heathkit Collector
Specializing in the clock products

Date: Fri, 27 Jul 2001 21:45:27 -0400
From: chuck grandgent <chuck@k1om.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Knight Kit Star Roamer Rx
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-Id: <200107272148778.SM00429@t120>

Well, as many of us seem to be (happily) confessing,
I too had a Star Roamer, thanks to my Dad, must have been like '63 or so.
Precise MIT engineer that he was, I remember he wrote back to Knight Kit
with like a 20 page typed letter about flaws in the instruction manual
(not quite up to Heathkit standards :)

I do remember it had one of them neat selenium rectifiers in it.

It was my main receiver until one fine Xmas (I think '65) when I got a
used Heath HX-20 HR-20 combo, but I used it for SWL stuff for a long time
after that. It was in my folks' attic when the garage burned down and

almost took the rest of the house with it, I confess to not salvaging the water-soaked and charred remains, but I remember it very fondly. I especially remember listening to the (kansas city ?) angels baseball on Armed Forces Radio, plus all the live UN deliberations thru the many crises of the 60's.

Chuck, K10M

Dave Wood (w4ej@coastalnet.com) wrote:

>
> I still have and use my Star Roamer every night to listen to the BBC on
> 5975. The one I have hears below 1 uv. for 10db sinad! And yes! I made a
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> so we compromised on the Star Roamer.
> >
>
>
> Dave Wood
> 1202 Essex Circle
> Wilson, NC 27896
>
> Heathkit Collector
> Specializing in the clock products

Date: Fri, 27 Jul 2001 20:12:21 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Viking I-vs-II & TVI - the sequel
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GH500AAWYH1TB@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Marty;

>

> All ham gear then used class C multipliers to richen the harmonic
> output content. This begs question why dint ARRL ever talk re class-C
> squarish-wave output & Fourier series explaining why multipliers worked?
.....

So, you don't know he privileged usually protect their privileges! Welcome to Hamdom.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <028d01c11783\$ea67a460\$0101a8c0@hppav>
From: "Bob Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Capacitor info
Date: Sat, 28 Jul 2001 11:39:24 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm playing TV repairman - yes, it's a "one tube" set ;-) Actually, a TV-VCR combo with a power supply problem that somehow I think I can fix. I read a tip that a common failure mode is "high ESR caps" in the switchmode power supply but I got wondering - how high is too high? By definition, ESR (Effective Series Resistance) is the "lumped" element that's used for purposes of calculation to explain the power loss within a capacitor when it passes A.C. (similar to power factor).

Since capacitors are such a common failure item in our boatanchor repairs, I decided to do some research to better understand the beasts and found the following websites that may might be of interest:

Capacitor construction and terminology:
<http://leonardo.eeug.caltech.edu/~ee14/lab1cds.html>
<http://www.capacitors.com/consider/consider.htm>

Practical tips:
http://www.repairfaq.org/REPAIR/F_captest.html
<http://www.netcentral.co.uk/satcure/cap/esr.htm>

I found the following tip so intriguing I'm going to try it out:

> I constructed an 'ESR meter' by cabling a (50 ohm) function generator output to the scope input and,
> via a T-connector, on to a set of test leads.
>
> With the test leads shorted, mere millivolts displayed on the scope. Across a

> good capacitor, mere millivolts. Across a sick capacitor, mucho volts. The
> defective caps stuck out like a sore thumb.
>
> Wow, this is too easy. Instant in-circuit (power off) fool-proof testing of
> electrolytics. I wish I had thought of this 50 years ago.
>
> I used 100 KHz and 5 V p-p. With scope set at 0.2v/div you can also check
> diodes surrounded by low ohm transformer or inductor windings.
>
> (Editor's note: to avoid the possibility of damage to semiconductors due to
> excessive voltage, use a lower amplitude signal - say .5 V p-p - for
> in-circuit testing. This will also prevent the most semiconductor junctions
> from conducting and confusing your readings.

I'd be interested in hearing from anyone who has used this technique with success.

73, Bob W9RAN

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Viking I-vs-II & TVI - the sequel
Date: Sat, 28 Jul 2001 08:11:17 -0400
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F136sffGPSuGHT0000ae6a@hotmail.com>

I just received a VikingII for repairs- no audio. Think I found the problem- shorted cap -.001uf- across the mod transformer primary. The cap that failed was a newer replacement. I think the original was a disk ceramic. This replacement was a Mallory brown dipped package, it had 2000v stamped on it, but I have never seen any caps like this before rated any higher than 600v. At any rate ,it failed in tha application, which I consider severe. Better to use a ceramic or mica. I prefer the ceramic, as I have seen failure even in micas. Russ

>From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
>Reply-To: polepeeg@aa4rm.ba-watch.org
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Viking I-vs-II & TVI - the sequel
>Date: Fri, 27 Jul 2001 09:12:16 -0400 (EDT)
>
>Jim I was about to say "I don't think we have TVI anymore"
>
>But I'll start slower. How to say this.
>

>When the V-1 was made most TV RXs had 21mc IFs. No amount of shielding
>wud keep ham stuff outa these
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>All ham gear then used class C multipliers to richen the harmonic
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>squarish-wave output & Fourier series explaining why multipliers worked?
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>So there were those by-design inescapable, but attenuated VHF-making
>thingies
>in every handbook TX project. Thingies not eliminated 'til SSB demanded
>up-mixing rather than multiplying. ARRL never told us that either - just
>SSB reduces TVI.
>
>And there were the odd parasitics in ham gear, like your 60mc V1 legend.
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>So what did all the shielding & good practice do? Contained VHF multiplier
>"designed-in inescapables" & parasitics. And these VHF things I think were
>largely residence nuisances & never went to the HF antenna.
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>Now along about '51 came the move to 43mc TV IFs & only police FM got in
>there. What was left? Channel 2 overload fm 10 meter 2nd harmonics
>mostly.
>& no amount of shielding good practice would address that. But a LP filter
>would.
>
>So here's my 'final answer.' I don't think we've had many TVI problems
>200' away from the QTH since ~1952
>
>In closing I note maybe there's a tiny market for a satellite/cable
>TVI channel with Sid Ceaser's Show of Shows negative-imaged, huge
>herring-boned frames of Broderick Crawford's Highway Patrol. They say
>the satellite/cable providers are desperate for content.
>
>Perhaps 5 min. per month on the History Channel'd be OK.
>
> Marty
>
>...then does anyone remember early color TVs "going red?" IE 75M AM
> murdering the 3.58mc color keyer ('burst') / QAM (yes) decoder?
>
> why red? the QAM gives G+B & G-B to combine with R+G+B main video.
> Looks G & B gun-drive ckt.s shut down but combining went OK leaving R.
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Message-Id: <3.0.32.20010728055629.006f4714@pop.mindspring.com>
Date: Sat, 28 Jul 2001 05:57:03 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: jim lockwood <jmlckwd@mindspring.com>
Subject: Re: R100....
Cc: <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:28 PM 07/27/2001 -0400, Nick England wrote:
>HA! - I am talking about the amazing 2-tube regen \$19.95 Knight Span Master
>(one step down from an Ocean Hopper)
><http://members.aol.com/tcsopr/spanmstr.htm>
>
>Trust me - I would have been much happier with a modern 4-tube superhet
>slide-rule dial GR-91
><http://www.heathkit-museum.com/ham/gr-91.html>
>
>Jim, You don't know how good you had it!

Hmmmm..... I dunno about that..... Don't be misled by a pretty face, or
impressive paper specs. Slide rule dial. Superhet. Transformer power
supply. Bandsread. Yeah, it had all that. And less.

I'll always believe that it is a strong contender for "worst of the worst
of the worst..... sir.....with honors"* and I would take another one if
I was being paid. Contrast that with some of the nostalgic postings about
those regens; some folks actually *want* one.

73,

Jim - k4ccf

*shamelessly lifted and mangled from a line in the movie "MIB"

Date: Sat, 28 Jul 2001 07:43:49 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Capacitor info
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GH6003XCV9GKD@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Bob;

> I'd be interested in hearing from anyone who has used this technique with success.

You constructed a crude form of impedance bridge. If the voltage across the unknown is 50% of the generator's (unloaded) output voltage the impedance of the unknown is 50 ohms (assuming the generator has a 50 output impedance). I've used the technique a few times but all the caps I checked were good.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: "Ed Tanton N4XY" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Tube puller
Date: Sat, 28 Jul 2001 13:15:27 -0400
Message-ID: <CKEGICNFDIMCEKEDCEHFEECNIAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Speaking of 'chinese puzzle' tube pullers... my 7-pin-sized one works GREAT... but the 9-pin one just won't grip. I tried pulling it longer, holding it tightly while I pulled, nothing helped. Any thoughts???

caveat: I WAS trying to pull a 2C51 in my 51S-1... a VERY short 9-pin tube... but I don't think it worked any better for the 12AX7 (or whatever) either.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

From: "Ed Tanton N4XY" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BNC deal

Date: Sat, 28 Jul 2001 13:43:03 -0400
Message-ID: <CKEGICNFDIMCEKEDCEHFMECPAAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian, email: <hikezilla@yahoo.com> has about 600 NOS chassis mount BNC connectors available for \$13.00 plus \$2.75 shipping per pack of 25. I thought this was a pretty good deal, bought all I needed, and so am passing it along. He will leave for Boy Scout Camp on Sunday and will not be back until the 5th, so any orders won't be shipped until the 6th.

No connection, just a good deal.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Message-ID: <3B63165A.417B273A@lobo.net>
Date: Sat, 28 Jul 2001 13:45:32 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: DC-DC converter
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

I seek a small dc-dc converter: Input 12V to Output 20-30 volts at 500ma.

Thought surely that our surplus emporium here in Albuquerque would have one, but couldn't find one after browsing for an hour... everything else, but no converter. Even got to see a VT-1 with its filament lit! Weird looking thing.

Please advise directly if you can help me.

Herb Rosenthal W5AN
herbrose@lobo.net

End of BOATANCHORS Digest 3197
